

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/724974
Filing Date	12.1.3
First Named Inventor	Mark T. Manfred
Art Unit	2859
Examiner Name	Genneth
Attorney Docket Number	H0003756

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
S		US- 2003/0167121 A1	09/04/2003	Ockerse et al.	
		US- 2003/0016010 A1	01/23/2003	Kandori et al.	
		US- 2003/0011359 A1	01/16/2003	Ashe	
		US- 6,543,146 B2	04/08/2003	Smith et al.	
		US- 6,462,540 B1	10/08/2002	Kandori et al.	
		US- 6,173,501 B1	01/16/2001	Blank et al.	
		US- 6,009,629	01/04/2000	Gnepf et al.	
		US- 5,850,624	12/15/1998	Gard et al.	
		US- 5,802,727	09/08/1998	Blank et al.	
		US- 5,644,851	07/08/1997	Blank et al.	
		US- 5,632,092	05/27/1997	Blank et al.	
		US- 5,321,893	06/21/1994	Engebretson	
		US- 5,131,154	07/21/1992	Schierbeek et al.	
		US- 5,065,521	11/19/1991	Waldrop et al.	
		US- 5,046,031	09/03/1991	Wanous	
		US- 5,039,945	08/13/1991	Webb	
		US- 4,972,593	11/27/1990	Dahlen et al.	
		US- 4,807,462	02/28/1989	Al-Attar	
		US- 4,797,841	01/10/1989	Hatch	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number * Kind Code ⁴ (if known)				

Examiner
Signature

G. Bradley Bennett

Date
Considered

10.18.4

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	10/724,974
Filing Date	December 1, 2003
First Named Inventor	Mark T. Manfred
Art Unit	2662-2859
Examiner Name	Bennett
Attorney Docket Number	H0003756

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

G. Bradley Bennett

Date	Considered
11/1/2011	11/1/2011
11/2/2011	11/2/2011
11/3/2011	11/3/2011
11/4/2011	11/4/2011
11/5/2011	11/5/2011
11/6/2011	11/6/2011
11/7/2011	11/7/2011
11/8/2011	11/8/2011
11/9/2011	11/9/2011
11/10/2011	11/10/2011
11/11/2011	11/11/2011
11/12/2011	11/12/2011
11/13/2011	11/13/2011
11/14/2011	11/14/2011
11/15/2011	11/15/2011
11/16/2011	11/16/2011
11/17/2011	11/17/2011
11/18/2011	11/18/2011
11/19/2011	11/19/2011
11/20/2011	11/20/2011
11/21/2011	11/21/2011
11/22/2011	11/22/2011
11/23/2011	11/23/2011
11/24/2011	11/24/2011
11/25/2011	11/25/2011
11/26/2011	11/26/2011
11/27/2011	11/27/2011
11/28/2011	11/28/2011
11/29/2011	11/29/2011
11/30/2011	11/30/2011
12/1/2011	12/1/2011
12/2/2011	12/2/2011
12/3/2011	12/3/2011
12/4/2011	12/4/2011
12/5/2011	12/5/2011
12/6/2011	12/6/2011
12/7/2011	12/7/2011
12/8/2011	12/8/2011
12/9/2011	12/9/2011
12/10/2011	12/10/2011
12/11/2011	12/11/2011
12/12/2011	12/12/2011
12/13/2011	12/13/2011
12/14/2011	12/14/2011
12/15/2011	12/15/2011
12/16/2011	12/16/2011
12/17/2011	12/17/2011
12/18/2011	12/18/2011
12/19/2011	12/19/2011
12/20/2011	12/20/2011
12/21/2011	12/21/2011
12/22/2011	12/22/2011
12/23/2011	12/23/2011
12/24/2011	12/24/2011
12/25/2011	12/25/2011
12/26/2011	12/26/2011
12/27/2011	12/27/2011
12/28/2011	12/28/2011
12/29/2011	12/29/2011
12/30/2011	12/30/2011
12/31/2011	12/31/2011

10.18.4

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/724,974
		Filing Date	December 1, 2003
		First Named Inventor	Mark T. Manfred
		Art Unit	2862 2859
		Examiner Name	Bennett
Sheet 2	of 2	Attorney Docket Number	H0003756

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	OA	International Search Report dated 22/12/2003, Application No. PCT/US 03/41817, 7 pages	

Examiner Signature	G. Bradley Bennett	Date Considered	10.18.4
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.